

## ABSTRACT OF THE DISCLOSURE

A method for coding a motion vector using a 2-dimensional minimum bitrate predicting technique is disclosed. A mode information (MODE) commonly adopted to the factors 'X' and 'Y' are transmitted to thereby reduce its transmission burden by using the two-dimensional minimum bitrate predicting technique, so that a coding efficiency of a motion vector can be improved. In addition, the two-dimensional MVD information coding method is proposed for the low transfer rate mobile image which is very small and has very small motion, so that even if a distribution characteristic of the MVD information is changed according to the minimum bitrate prediction, a coding efficiency of a major motion vector can be improved.

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